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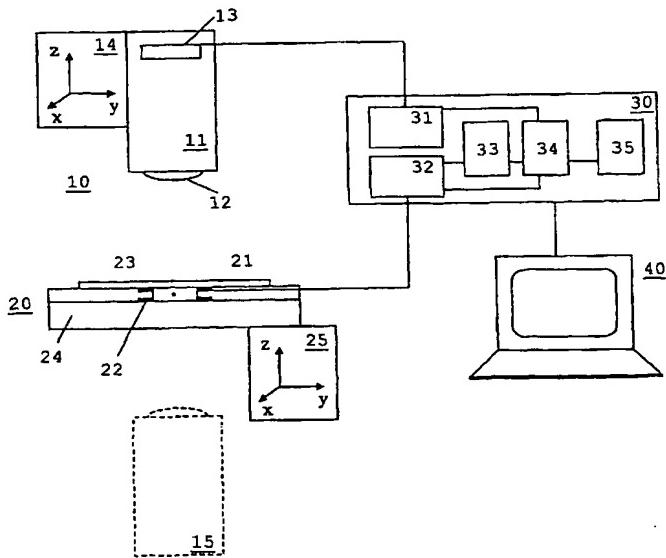
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(54) Title: METHOD AND DEVICE FOR 3 DIMENSIONAL IMAGING OF SUSPENDED MICRO-OBJECTS PROVIDING HIGH-RESOLUTION MICROSCOPY



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(57) Abstract: A method for high-resolution image recording of at least one object with a microscope, comprises the steps of: positioning the object in a receptacle being arranged in the optical axis of the microscope, generating at least two first data sets per object which represent intermediate images of the object with at least two different orientations relative to the optical axis of the microscope, wherein the different orientations of the object are provided by moving the object relative to the receptacle, and evaluating the data sets for obtaining quantitative three dimensional information.



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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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## A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B H04N G03B G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96 24875 A (SCHWERTNER DIETMAR ; SCHWERTNER MICHAEL (DE)) 15 August 1996 (1996-08-15) abstract page 10, line 5 - line 34 page 11, line 1 - line 2 figure 5 ---	1-22
A	WO 00 37920 A (FUHR GUENTER ; GRADL GABRIELE (DE); MUELLER TORSTEN (DE); SCHNELLE) 29 June 2000 (2000-06-29) abstract page 8, line 10 - line 12 page 8, line 22 - line 24 page 9, line 19 - line 34 figures 1,3 ---	1-22 -/-



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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